



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.2011

Job Sheet 212178



Part No: 647.2011

Job Qty: 6 pcs

Part Name: Lower Strut



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 8/12/20

Job Tracking No:

Due Date: 9/4/20

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG REV N/C IPP REV:A NEW ISSUE 12-10-09 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Doosan - 1	6 pcs	8/21/20	8/21/20	1.00	1.34	Doosan - 1		<i>[Signature]</i>
120	QC 2	6 pcs	8/21/20	8/21/20	0.00	0.00	QC 2 - 1		<i>20-08-26</i>
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		<i>5 [Signature]</i>
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		<i>QC2 20-08-26</i>
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		



Container No: S296515



Part: 647.2011

Job No: 212178

Serial No/Batch: S296515

Revision: Rev N/C

Inspector:

Exp Date:

Instructions: Various STC's

Date: 08/26/20

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

170 QC 8	6 pcs	8/21/20	0.00 0.00	QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 2 - 86	
				QC 2 - 83	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	J.C.L. 20-08-21
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
				QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
				QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
				QC 8 - 66	
				QC 8 - 73	
				QC 8 - 82	
180 Outsource - 4 - Anodize	6 pcs	9/4/20		ATG001-VC	10 2020-09-01
190 Packaging 2-1 - Receive - B4B	6 pcs	9/4/20	0.00 0.00	Packaging 2 - 1 - B4B	
				Packaging 2 - 2 - B4B	
				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	SEP 16 2020
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	

					Packaging 2 - 22 - B4B	
					Packaging 2 - 23 - B4B	
					Packaging 2 - 24 - B4B	
					Packaging 2 - 25 - B4B	
					Packaging 2 - 26 - B4B	
					Packaging 2 - 27 - B4B	
					Packaging 2 - 28 - B4B	
					Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					Packaging 2 - 37 - B4B	
200 QC 6	6 pcs	9/4/20	0.00 0.00		QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	
					QC 6 - 81	
					QC 6 - 82	
210 Packaging 3-1 - Stock - B4B	6 pcs	9/4/20	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
					Packaging 3 - 37 - B4B	

220 QC 21 - SA	6 pcs	9/4/20	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 9	
				QC 21 - SA - 77	

Part Op 110 - (Doosan Lathes) *** CUT BLANK ON CHOP SAW AT 30.125" LONG*** TURN AS PER DWG DWG REV: N/C
 Descriptions: FOLIO REV: N/A DEBURR
 120 - (QC2- Inspect parts off machine FAI/FAIB)
 170 - (QC8- Inspect parts - second check)
 180 - Issue P/O: 46995 ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL-A-8625
 TYPE III, CLASS 2, COLOUR BLACK PRIME IAW MIL-P-23377J TYPE I CLASS N
 190 - (Receive & Inspect for Damage & Mat'l Certs) Ensure certificate of conformity is attached
 200 - QC6- All purchased or subcontracted products
 210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***
 220 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
M6061T6R0.563	6061-T6 Round Bar .563	15 ft (2.5 ea)	110-Doosan - 1	<u>5296403</u>

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
110-Doosan - 1	M6061T6R0.563	15	50	0

Part Specifications
Specifications could not be found.

Plex 8/12/20 1:02 PM Dart.lajeunesse.marie

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QS1042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



Dart Aerospace Ltd.
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K6A 1K7
Canada

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PURCHASE ORDER

POHB046995



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE STREET
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB046995

PO Date: 9/1/20

Due Date: 9/15/20

Purchase Order

Revision:

Revision Date:

Issued By:

Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2020-09-03

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	209001	647.3916	647.3900 Rev C2	Deflector : Various STC's Issue P/O to ATG : Hard Anodize Color Black, Prime as per Dwg 647.3900 Rev. C	Firmed XJ	-	9/9/20	2 pcs	0 pcs	2 pcs	\$18.91/pcs	\$37.82
	209839				Firmed	-	9/10/20	8 pcs	0 pcs	8 pcs	\$18.91/pcs	\$151.28
Sub Total:								10	0	10		\$189.10
2	211569	C45-8-5	C45-8-5 Rev K	Solenoid Cover -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed X10	-	9/15/20	10 pcs	0 pcs	10 pcs	\$4.97/pcs	\$49.70
3	210649	D4970-1	D4970 Rev C	Windshield Deflector - Lower : Certificate of Conformity Only Issue P/O to ATG : AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF- 23377 TYPE 1 CLASS N	Firmed X10	-	9/11/20	6 pcs	0 pcs	6 pcs	\$26.56/pcs	\$159.36
4	209030	649.5012	649 5000 Rev D	Deflector : Various STC's Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed X10	-	9/9/20	16 pcs	0 pcs	16 pcs	\$8.11/pcs	\$129.76

Plex 9/3/20 2:11 PM Dart.Guerin.Kimberley



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PURCHASE ORDER

POHB046995



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5	212437	649.4815	649.4800 Rev E	Shim : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) ISSUE P/O: HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2) PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2) C OF C IS REQUIRED	Firmed	-	9/9/20	32 pcs	0 pcs	32 pcs	\$12.96/pcs	\$414.72
6	211555	SWA3-300	SWA3-300 Rev 3	Wire Clamp (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 3 CLASS 2, Water sealant -Certificate of Conformity is required	Firmed X 20	-	9/11/20	20 pcs	0 pcs	20 pcs	\$4.97/pcs	\$99.40
7	212431	649.5211	649.5200 C	Shim : Various STC's Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N	Firmed	-	9/9/20	10 pcs	0 pcs	10 pcs	\$7.56/pcs	\$75.60
8	212487	649.4817	649.4800 Rev E	Shim : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed	-	9/9/20	12 pcs	0 pcs	12 pcs	\$7.06/pcs	\$84.72
9	208270	D4821-1	D4821 Rev C	Windshield Deflector : Certificate of Conformity Only Issue P/O: _____ Hard Anodize, Color Black and Prime as per Dwg D4821 Rev. B	Firmed	-	9/15/20	6 pcs	0 pcs	6 pcs	\$51.06/pcs	\$306.36
	205909				Firmed	-	9/16/20	10 pcs	0 pcs	10 pcs	\$51.06/pcs	\$510.60
Sub Total:								16	0	16		\$816.96

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Canada

Tel (613) 632-5200

PURCHASE ORDER

POHB046995



Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
10	212474	649.5212	649.5200 Rev C	Bracket Issue P/O to ATG: _____ AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF- 23377 TYPE 1 CLASS N	Firmed	-	9/9/20	4 pcs	0 pcs	4 pcs	\$9.81/pcs	\$39.24
11	212178	647.2011	647.2000 Rev N/C	Lower Strut : Various STC's Issue P/O: _____ ANODIZE AS PER DWG Finish: HARD ANODIZE IAW MIL- A-8625 TYPE III, CLASS 2, COLOUR BLACK PRIME IAW MIL- P-23377J TYPE I CLASS N	Firmed	-	9/15/20	6 pcs	0 pcs	6 pcs	\$14.21/pcs	\$85.26
12	212427	649.5010	649.5000 Rev D	Deflector : Various STC's (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: _____ HARD ANODIZE COLOR BLACK, AND PRIME AS PER DWG 649.5000 REV. D	Firmed	-	9/9/20	8 pcs	0 pcs	8 pcs	\$34.81/pcs	\$278.48
	212476				Firmed	-	9/10/20	4 pcs	0 pcs	4 pcs	\$34.81/pcs	\$139.24
Sub Total:								12	0	12		\$417.72
Grand Total:											\$2,561.54	

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit
www.dartaerospace.com for further explanation.

Please ensure to send the related invoice to hby_ap@dartaero.com.

Plex 9/3/20 2:11 PM Dart.Guerin.Kimberley



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920809

Date: 14-Sep-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
10 ea	Part: 647.3916 Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5526778 Job: 28068 PO: POHB046995	Rev: C	
6 ea	Part: 647.2011 Lower Strut Hard Anodize per MIL-A-8625F, Type III, Class2, Black, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6-9 mils) per drawing Batch/Lot#: 5526778 Job: 28078 PO: POHB046995	Rev: NC	
6 ea	Part: D4970-1 Windshield Deflector - Lower Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5526778 Job: 28070 PO: POHB046995	Rev: C	

Made in Canada.

RECEIVED
SEP 16 2020
DART AEROSPACE LTD.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 920809

Date: 14-Sep-20

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Kimberley Guerin
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
16 ea	Part: 649.5012 Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (1 - 2 mils) per drawing. Batch/Lot#: 5526778 Job: 28071 PO: POHB046995	Rev: D	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>SEP 14 2020</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			
Made in Canada.			